

Appl. No. 10/707,931
Amdt. dated June 21, 2006
Reply to Office action of March 23, 2006

Amendments to the Specification:

Please replace paragraph [0007] with the following amended paragraph:

5 [0007] Since both the passivation layer 16 and the container 18 have good water repelling
ability, the seal condition or the adhesion among the passivation layer 16, the container
1918, and the sealing agent 22 is very important for the package performance of the
display panel. Generally speaking, the sealing agent 22 has different adhesion toward
different materials. Therefore, in the packaging process, the composition of the sealing
agent 22 is often adjusted according the attached materials to make the sealing agent 22
10 have an excellent adhesion to a specific material to reinforce the water repelling ability of
the sealing structure 20.

Please replace paragraph [0008] with the following amended paragraph:

15 [0008] However, while the sealing agent 22 adjusts the composition thereof to obtain a
better adhesion for a specific mater, such as glass, its adhesion toward other materials is
deteriorated at the same time. As a result, if lesser kinds of materials have to be bound by
the sealing agent 22, the composition of the sealing agent 22 can be optimized more
20 easily and a better sealing performance can be obtained thereby. When the package
process of the organic light emitting display panel 10 is performed, the passivation layer
16 is needed for protecting the organic light emitting display unit 14. Therefore, the
disadvantage is that the adhesion of the sealing agent 22 is weakened obviously due to the
present presence of the passivation layer 16 at the same time. It causes the sealing agent
25 to not perfectly seal on the passivation layer 16 and the container 18. Thus, the moisture
easily penetrates along the gaps in the connection between the sealing agent 22 and
adjacent devices so as to affect the lifetime of products and the display performance.

Appl. No. 10/707,931
Amdt. dated June 21, 2006
Reply to Office action of March 23, 2006

Please replace paragraph [0018] with the following amended paragraph:

[0018] The sealing structure 120 comprises a passivation layer 116 and a container 118.
5 In addition, a sealing agent is used to combine the container 116 with the substrate 112.
As shown in Fig.2, the passivation layer 116, which is covering the substrate 112 and the
organic light emitting display unit 114, comprises a sealing slot ~~125~~124 extending
through to the surface of the substrate 112 and enclosing the organic light emitting display
unit 114. The container 118 comprises a flat top plate 118a and an extruded side frame
10 118b surrounding the edge of the top plate 118a. The shape of the side frame 118b
corresponds to that of the sealing slot 124 so that the side frame 118b of the container 118
can be combined to the substrate 112 surface in the bottom of the sealing slot 124 by
using the sealing agent 122 coated on the bottom of the sealing slot 124.

15

Please replace paragraph [0019] with the following amended paragraph:

[0019] In the preferred embodiment of the present invention, the passivation layer 116,
which is a multi-layer stacked structure, comprises at least a water repelling layer and a
20 buffer layer stacked in stagger. The water repelling layer is composed of a material with a
low moisture permeability, such as a silicon nitride compounds or a silicon oxide
compounds, ~~for avoiding thereby preventing~~ the moisture from penetrating into the
beneath organic light emitting display unit 114. The buffer layer is used to reduce the
stress of the water repelling layer and improve the attachment between the organic light
25 emitting display unit 114 and the water repelling layer. In addition, the container 118 and
the substrate 112 are both made of a glass material. Thus, the composition of the sealing
agent 122 can be specifically adjusted for the glass material to reinforce the sealing ability
toward the glass material. Furthermore, the sealing agent 122 can be formed of a curable

Appl. No. 10/707,931
Amdt. dated June 21, 2006
Reply to Office action of March 23, 2006

material, such as a material of epoxy compounds, so that a curing process can be used to cure the sealing agent 122 and fix the container 118 onto the substrate 112.